

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
11 March 2004 (11.03.2004)

PCT

(10) International Publication Number
WO 2004/020100 A1

(51) International Patent Classification⁷: B02C 19/00

(21) International Application Number:
PCT/SE2003/001317

(22) International Filing Date: 27 August 2003 (27.08.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0202532-8 28 August 2002 (28.08.2002) SE

(71) Applicant (for all designated States except US): SAND-
VIK AB [SE/SE]; S-811 81 Sandviken (SE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): DALLIMORE,
Rowan [GB/GB]; 5 Charlton Park, Midsomer Norton,
Radstock BA3 4BN (GB).

(74) Agent: AWAPATENT AB; Box 5117, S-200 71 Malmö
(SE).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

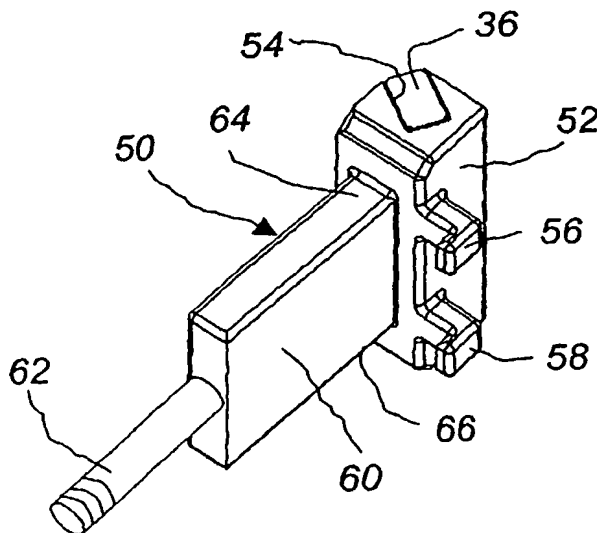
(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SI, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: A HOLDER FOR A WEAR PART OF A CRUSHER



(57) Abstract: A rotor of a vertical shaft impact crusher com-
prises a vertical rotor wall segment having a first wall portion
being substantially tangential in relation to the rotor and a sec-
ond wall portion being angled in relation to said first wall por-
tion. A tip holder (50) for mounting at an outflow opening of
such a rotor comprises a holding part (52) for holding a wear
tip (36). A fastening means (60, 62) is attached to the holding
part (52). The fastening means (60, 62) is adapted to extend
along said first wall portion and through said second wall por-
tion from one side thereof. A fixing means is detachably fixable
to the fastening means (62) at the other side of said second wall
portion.